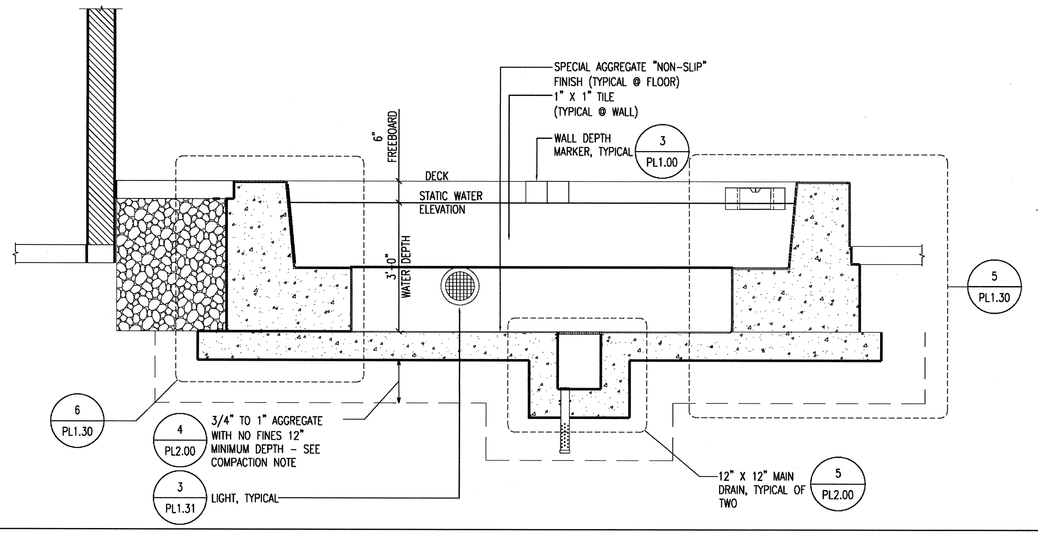
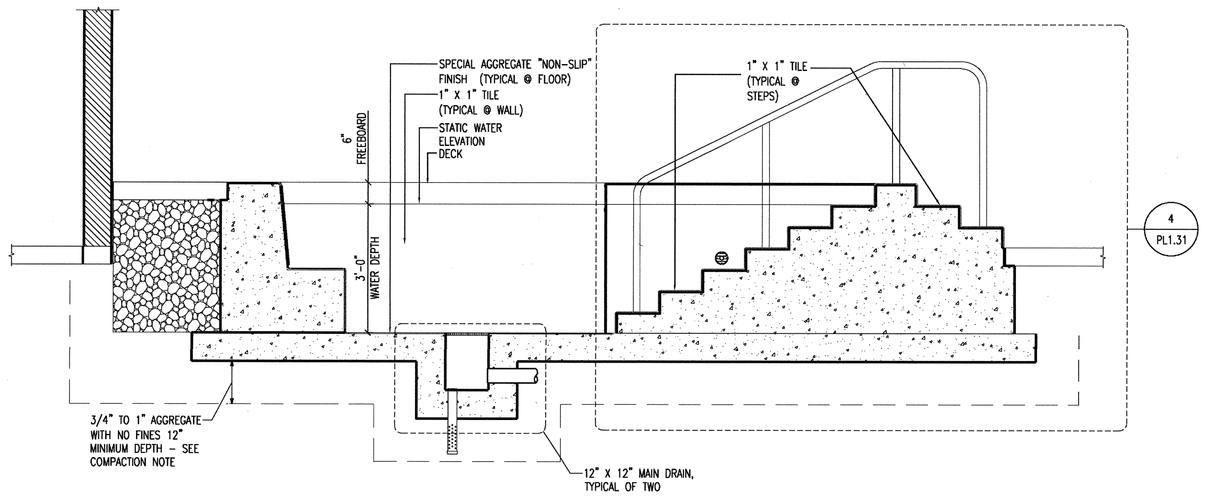


THIS SPACE NOT USED	PL1.30-8	WHIRLPOOL SECTION	PL1.30-3
	SCALE: NONE		SCALE: 1/2" = 1'-0"



THIS SPACE NOT USED	PL1.30-9	WHIRLPOOL SECTION	PL1.30-4
	SCALE: NONE		SCALE: 1/2" = 1'-0"

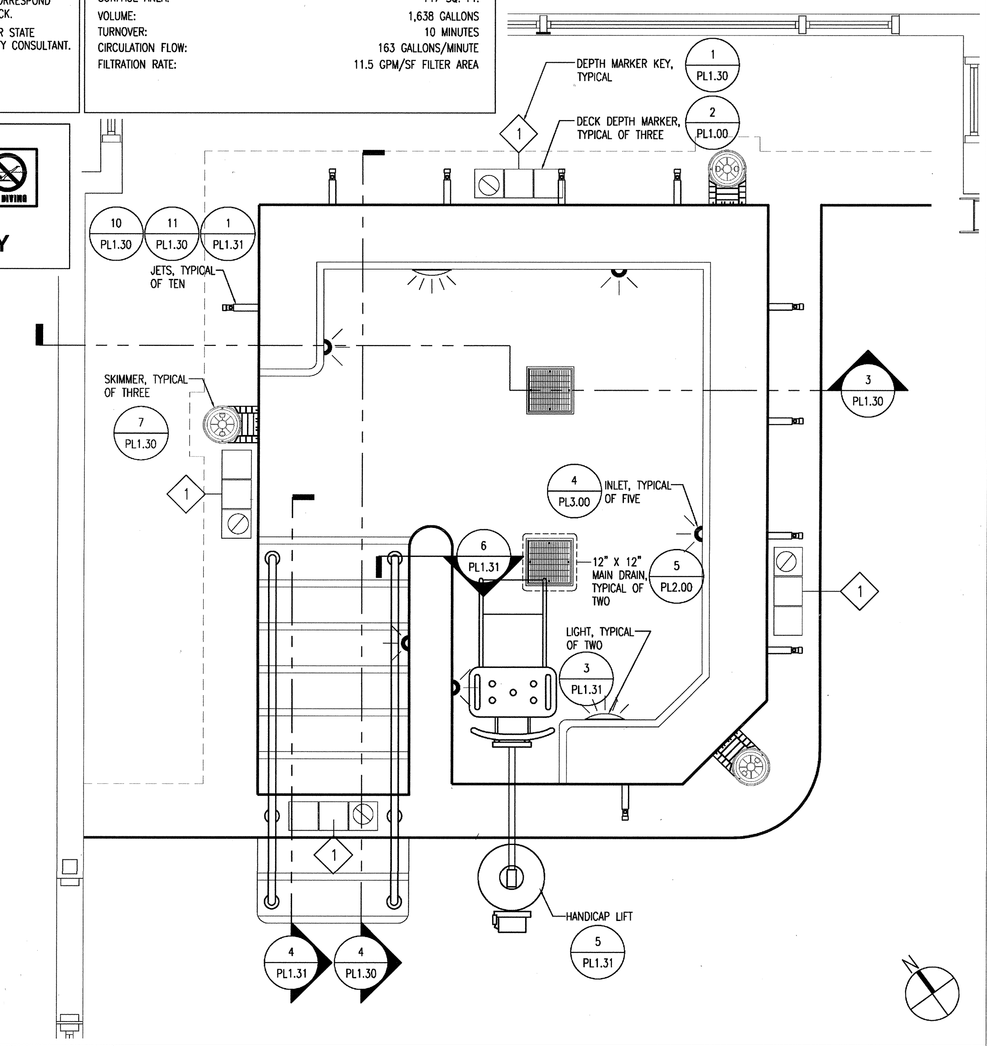
NOTE:
1. ALL WALL TO WALL, WALL TO FLOOR, AND FLOOR TO FLOOR JOINTS SHALL BE COVED.
2. DEPTH MARKERS SHALL NOT EXCEED 25'-0" IN DISTANCE FROM CENTER TO CENTER AROUND POOL PERIMETER.
3. DEPTH MARKERS INSIDE THE POOL SHALL CORRESPOND WITH DEPTH MARKER LOCATIONS ON THE DECK.
4. LOCATE LIFEGUARD CHAIRS AS REQUIRED PER STATE AND LOCAL CODES AND PER OWNER'S SAFETY CONSULTANT.
5. SEE PL1.30-1 FOR DEPTH MARKER KEY

WHIRLPOOL DATA

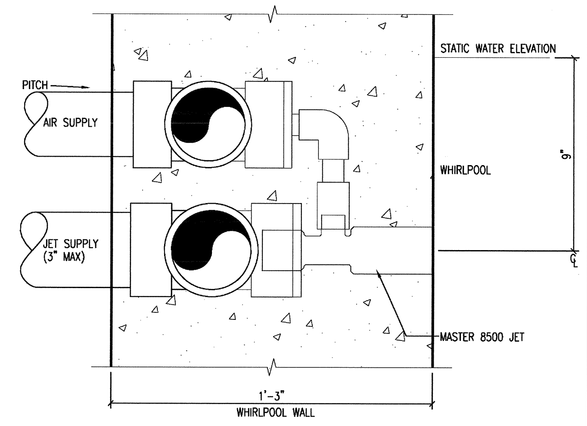
POOL PERIMETER	61 LINEAR FEET
BATHER LOAD:	14 PEOPLE
SURFACE AREA:	147 SQ. FT.
VOLUME:	1,638 GALLONS
TURNOVER:	10 MINUTES
CIRCULATION FLOW:	163 GALLONS/MINUTE
FILTRATION RATE:	11.5 GPM/SF FILTER AREA

1 - 3FT 0IN NO DIVING

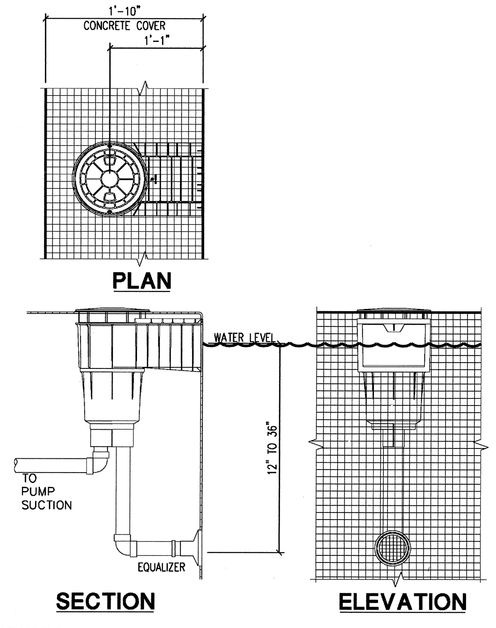
DEPTH MARKER KEY



WHIRLPOOL PLAN VIEW	PL1.30-1
	SCALE: 1/2" = 1'-0"



JET PIPING DETAIL	PL1.30-10
	SCALE: NONE



SKIMMER SPECIFICATIONS

1. SURFACE SKIMMER SHALL CONSIST OF A PRECISION MOLDED CYCOLAC HOUSING WITH A HEAVY DUTY COMPRESSION MOLDED THERMOSETTING PHENOLIC BASE.

2. THE BASE SHALL INCORPORATE TWO 2" NPT THREADED APERTURES WHICH SHALL ENABLE TESTING OF PIPING FROM INSIDE THE SKIMMER AS WELL AS EXTERNAL PIPE CONNECTIONS TO PUMP AND EQUALIZER LINES. BASE SHALL BE AN INTEGRAL PART OF THE SKIMMER BODY.

3. A 10" DIA. NON-CORROSIVE, HEAVY DUTY, NON-SLIP DECK PLATE AND FRAME SHALL BE PROVIDED FOR EASY ACCESS TO THE SKIMMER INTERIOR. THE FRAME SHALL BE MOLDED CYCOLAC AND SHALL INCORPORATE A FLANGE BELOW DECK LEVEL FOR KEYING INTO CONCRETE AND SHALL BE ADJUSTABLE TO PERMIT VARIATIONS IN HEIGHT AND ANGLE OF DECK IN RELATION TO THE SKIMMER BODY. THE ACCESS PLATE SHALL BE MOLDED CYCOLAC AND SHALL BE SECURED TO THE FRAME BY MEANS OF TWO STAINLESS STEEL SCREWS TO PREVENT VANDALISM.

4. THE SKIMMER SHALL INCORPORATE A CIRCULAR WEIR. THE WEIR SHALL AUTOMATICALLY ADJUST TO WATER LEVEL ELEVATIONS WITHIN A 4" RANGE.

5. A REMOVABLE SYNTHETIC DEBRIS BASKET SHALL BE PROVIDED IN THE SKIMMER BODY.

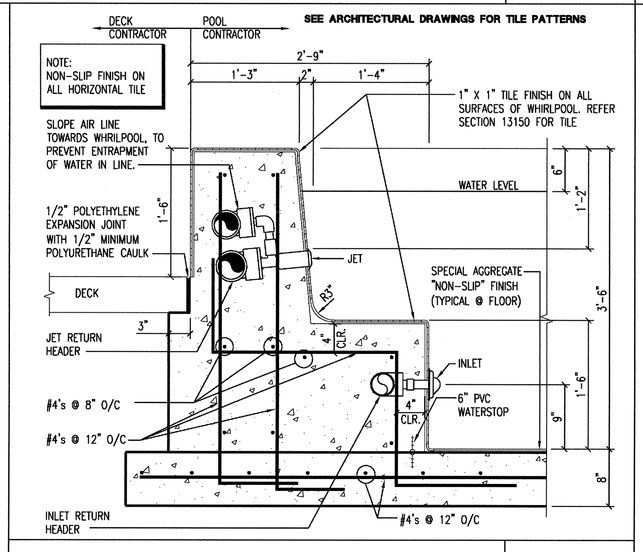
6. A REMOVABLE FLOAT VALVE HOUSING ASSEMBLY SHALL BE PROVIDED WHICH SHALL AUTOMATICALLY SEAL OFF THE UPPER PORTION OF THE SKIMMER DURING LOW WATER LEVEL CONDITIONS, TO EFFECT A DIRECT CIRCUIT FROM PUMP SUCTION TO EQUALIZER LINE UNTIL THE WATER LEVEL CONDITION IS CORRECTED, THEREBY ASSURING EXCLUSION OF AIR TO PUMP.

7. A SPRING LOADED CHECK VALVE SHALL BE PROVIDED IN THE EQUALIZER LINE CONNECTION TO THE SKIMMER BODY TO PREVENT FLOW FROM EQUALIZER EXCEPT DURING CONDIDITONS OF LOW WATER LEVEL.

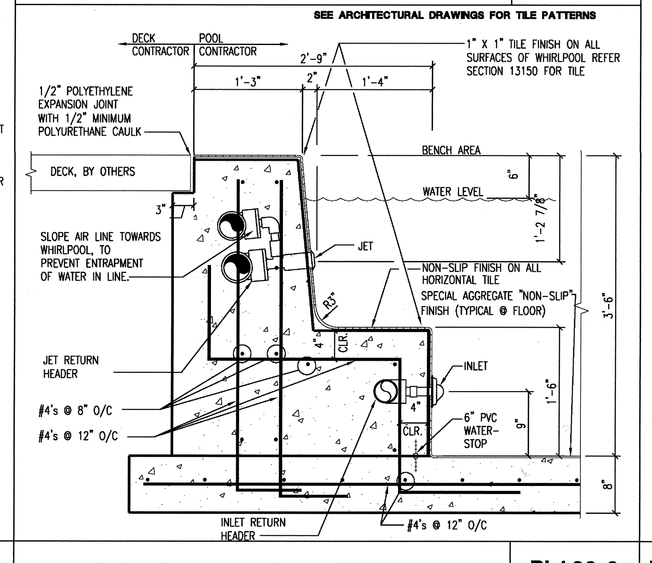
8. AN ADJUSTABLE TRIMMER VALVE SHALL BE FITTED TO THE SKIMMER BASE TO PROVIDE AN ACCURATE FLOW ADJUSTMENT, THUS PERMITTING EQUALIZATION OF FLOW OF ALL SKIMMERS.

9. SURFACE SKIMMER SHALL BE ADMIRAL S20 MANUFACTURED BY PENTAIR POOL PRODUCTS, CATALOG #: 84420500 W/WHITE LID & FRAME. INCLUDE FLOAT, CHECK VALVE, AND BASKET AND EQUALIZER FITTING.

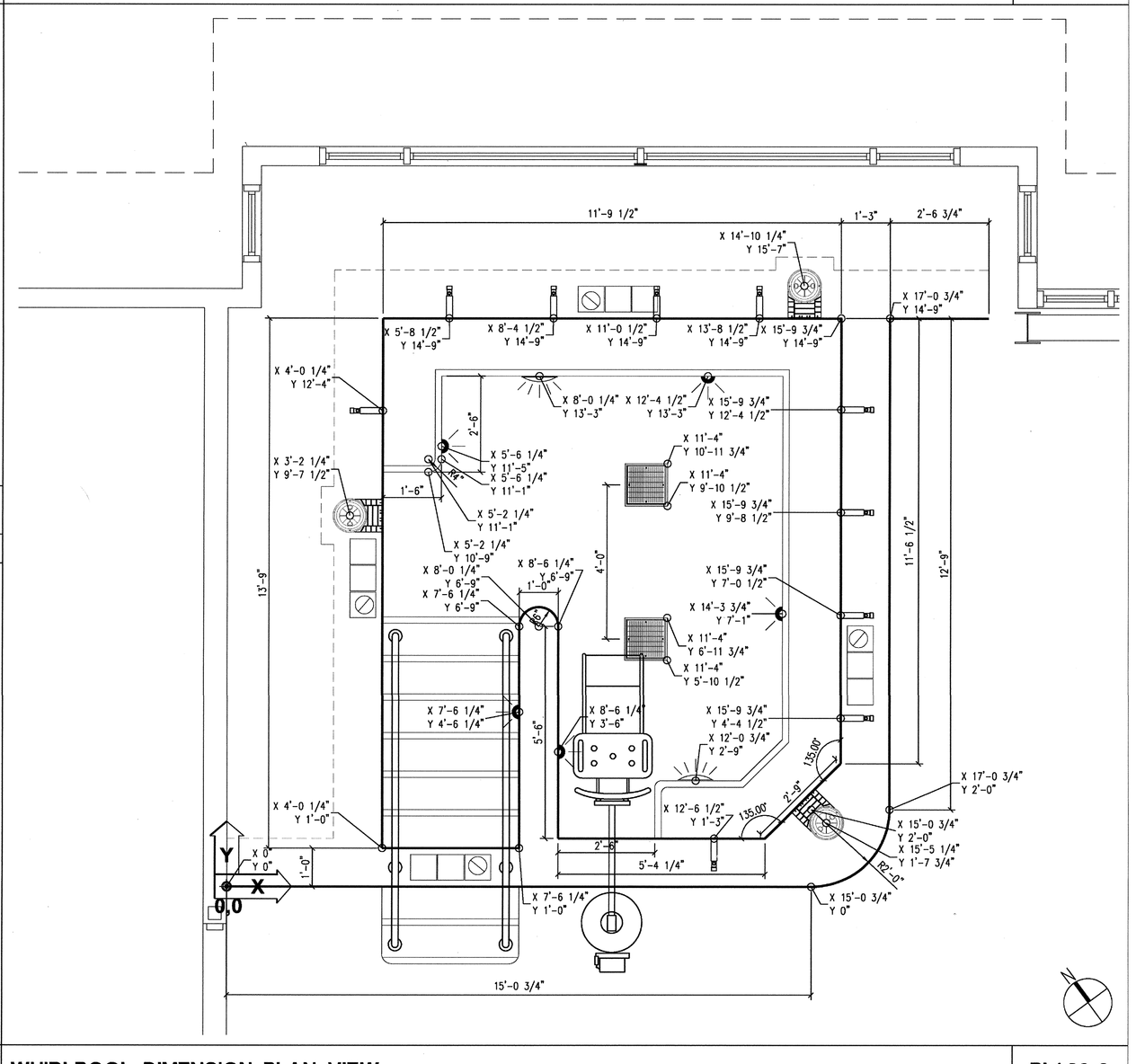
SKIMMER DETAIL	PL1.30-7
	SCALE: NONE



WHIRLPOOL BENCH DETAIL	PL1.30-5
	SCALE: 1" = 1'-0"



WHIRLPOOL BENCH DETAIL	PL1.30-6
	SCALE: 1" = 1'-0"



WHIRLPOOL DIMENSION PLAN VIEW	PL1.30-2
	SCALE: 1/2" = 1'-0"

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AS-BUILTS

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Checked By: JG
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Sheet Title:
WHIRLPOOL PLAN & DETAILS

PL1.30

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